				ORDE	R FOR SI	UPPLIES C	OR SERVICES	S				PAGE 1 OF 23
									1			
	HZV-04-P-1		ER/AGREEMENT NO.	2. DELIV	VERY ORDER	/CALL NO.	3. DATE OF ORDI (YYYYMMMDD) 2004OCT06	ER/CAL		JISITION/PURCH RE	QUEST NO.	5. PRIORITY DOA4
6. ISSUEL	BY			CODE	W56HZV	7. ADMINIST	ERED BY (If other t	han 6)	SEE S		4404A	8. DELIVERY FOB
AMS TER WAR	REN, MICH	: SKI GA	(586)574-5833 N 48397-5000 @TACOM.ARMY.MIL ING.TACOM.ARMY.M	4IL		615 P.O	A SAN ANTONIC EAST HOUSTON . BOX 1040 ANTONIO TX PAS: N	7829		ADP PT: HO033	20	X DESTINATION OTHER (See Schedule if other)
9. CONTR	ACTOR			CODE	1UCP5	FACIL		10. DI		OB POINT BY (Date)	59	11. X IF BUSINESS IS
NAME AND ADDRESS	16126 HOUST	QU	ST CONTRACTING EENSDALE TX. 77082				•	SEE 12. DI 1.0 Net	SCHEDULE SCOUNT TEI 0% 10 Day 30 Days	RMS vs		SMALL SMALL DISADVANTAGED  WOMAN-OWNED
	• TVDF 1	OTTC	TNESS: Othor Sm	all Bug	inogg Bord	Forming in	•			S TO THE ADDRESS	IN BLOCK	
14. SHIP 1		3US	INESS: Other Sma	CODE	Iness Peri		U.S. Γ WILL BE MADE I		Block 15	COD	E HQ0339	MARK ALL
SEE	SCHEDULE					DFA P.O	S - COLUMBUS S-CO/WEST ENT . BOX 182381 UMBUS, OH 432	TITLEM	MENT OPERA	ATIONS		PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2
16. TYPE	DELIVERY/ CALL		THIS DELIVERY ORDER	R IS ISSUED	ON ANOTHER C	GOVERNMENT AG	EENCY OR IN ACCORD	ANCE W	TTH AND SUBJE	ECT TO TERMS AND COM	NDITIONS OF ABOV	E NUMBERED CONTRACT.
OF ORDER	PURCHASE	x	Reference your CHRISTIAN BRUG	Oral CKNER	_		6HZV04Q1296 specified herein.	, D	ated 2004A	UG25 .		
										MBERED PURCHASI AND AGREES TO PE		MAY PREVIOUSLY HAVE ME.
		d, sı	TRACTOR  upplier must sign Accepta				opies:	TYPED	) NAME AND	TITLE		SIGNED (MMMDD)
18. ITEM	NO. 19. S	СНІ	EDULE OF SUPPLIES/SI	ERVICE			20. QUANTITY ORDERED/ ACCEPTED*	?	21. UNIT	22. UNIT PRICE	23. AMOUNT	
	CON F KIN	TR <i>I</i> irn D (	CHEDULE ACT TYPE: a-Fixed-Price DF CONTRACT: ply Contracts and	d Price	d Orders							
	accepted by th			4. UNITED	STATES OF A	MERICA NNIS /SIGN	ED/				25. TOTAL 26.	\$20,532.60
If differen		uant	tity accepted below	SY:			.MIL (586)574			RDERING OFFICER	DIFFERENCE	S
			N 20 HAS BEEN									
	PECTED L		RECEIVED A RIZED GOVERNMENT I		-	ORMS TO CONT	c. DATE (YYYYMMMD)		d. PRINTE	D NAME AND TITLE SENTATIVE	OF AUTHORIZE	D GOVERNMENT
e. MAILI	NG ADDRESS	OF A	AUTHORIZED GOVERN	MENT RE	PRESENTATI	VE	28. SHIP. NO.		29. D.O. VOU	CHER NO.	30. INITIALS	
f. TELEP	HONE NUMBE	R	g. E-MAIL A	ADDRESS			PARTIA FINAL		32. PAID BY			VERIFIED CORRECT FOR
36. I CER	TIFY THIS AC	cot	JNT IS CORRECT AND I	PROPER F	OR PAYMEN?	Γ.	31. PAYMENT				34. CHECK NU	IMBEK
a. DATE	MMDD)		b. SIGNATURE AND	TITLE OF	CERTIFYING	OFFICER	PARTIA FINAL				35. BILL OF L	ADING NO.
37. RECE	IVED AT		38. RECEIVED BY (P	'rint)	39. DATE RE (YYYYMM)		40. TOTAL CO TAINERS	DN-	41. S/R ACCO	OUNT NUMBER	42. S/R VOUCE	IER NO.

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 2 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

SUPPLEMENTAL INFORMATION

1

Regulatory Cite	Title	Date
52.204-4016 (TACOM)	TACOM-WARREN ELECTRONIC CONTRACTING	SEP/2004

- (a) All TACOM solicitations and awards are distributed on the TACOM Warren Business Opportunities web page (<a href="http://contracting.tacom.army.mil/opportunity.htm">http://contracting.tacom.army.mil/opportunity.htm</a>) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web.
- (b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.
- (c) You are required to submit your offer, bid, or quote electronically. Please go to the following webpage for detailed information about submitting your offer electronically: http://contracting.tacom.army.mil/ebidnotice.htm
- (d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards and will include the awarded unit price. This is the notice required by Executive Order 12600 (June 23, 1987) of our intention to release unit prices in response to any request under the Freedom of Information Act (FOIA), 5 USC 552. Unit price is defined as the contract price per unit or item purchased as it appears in Section B of the contract and is NOT referring to nor does it include Cost or Pricing data/information. If you object to such release, and you intend on submitting an offer, notify the PCO in writing prior to the closing date identified in this solicitation and include the rationale for your objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.
- (e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: <a href="mailto:acqcenweb@tacom.army.mil">acqcenweb@tacom.army.mil</a>

If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. For technical assistance in doing business with the Government, and doing business electronically, please visit the Procurement Technical Assistance Center Website at <a href="http://www.sellingtothegovernment.net/index.asp">http://www.sellingtothegovernment.net/index.asp</a> to find a location near you.

[End of Clause]

2 52.215-4854 PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS JUL/2002 (TACOM) SOLICITATION/REQUEST

TACOM WILL NOT ACCEPT PAPER OFFERS IN RESPONSE TO THIS SOLICITATION/REQUEST. YOU ARE REQUIRED TO SUBMIT YOUR OFFER, BID, OR QUOTE VIA PAPERLESS ELECTRONIC MEDIA. SEE THE PROVISION ENTITLED "ELECTRONIC OFFERS (OR 'QUOTES' OR 'BIDS') REQUIRED IN RESPONSE TO THIS SOLICITATION (OR 'REQUEST FOR QUOTATIONS')" FOR MORE SPECIFIC INFORMATION.

[End of Clause]

- 1. TDP is competitive with purchase parts estimated at 10-50% of the total item cost. The purchase part is 12295552.
- 2. QPL applies.
- 3. No ozone
- 4. 100% SBSA.

\*\*\* END OF NARRATIVE A 001 \*\*\*

# Reference No. of Document Being Continued PIIN/SIIN $^{W56HZV-04-P-1412}$ MOD/AMD

**Page** 3 **of** 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	NSN: 2530-01-102-4769 FSCM: 19207 PART NR: 12296926 SECURITY CLASS: Unclassified				
0001AA	PRODUCTION QUANTITY	1037	EA	\$19.80000	\$ 20,532.60
	NOUN: HUB CAP,WHEEL PRON: EH493034EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: 12296926 DATE: 04-JUN-2004				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE TDP FOR PACKAGING DATA UNIT PACK: EA INTERMEDIATE PACK: 001 LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance           DOC         SUPPL           REL CD         MILSTRIP         ADDR         SIG CD         MARK FOR         TP CD           001         W56HZV41470676         W25G1U         J         3           DEL REL CD         QUANTITY         DEL DATE           001         250         21-FEB-2005           002         250         21-MAR-2005				
	003 250 19-APR-2005				
	004 118 17-MAY-2005				
	FOB POINT: Destination				
	SHIP TO: FREIGHT ADDRESS  (W25G1U) XU TRANSPORTATION OFFICER  DDSP NEW CUMBERLAND FACILITY  BUILDING MISSION DOOR 113 134  NEW CUMBERLAND PA 17070-5001				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-1412/0000				
	DOC SUPPL				

## Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 4 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	REL CD         MILSTRIP         ADDR         SIG CD         MARK FOR         TP CD           002         W56HZV41470677         W45G19         J         3           DEL REL CD         QUANTITY         DEL DATE           001         132         17-MAY-2005           002         37         15-JUN-2005				
	FOB POINT: Destination  SHIP TO: FREIGHT ADDRESS  (W45G19) XR W390 RED RIVER MUNITIONS CTR  HIGHWAY 82 WEST CL V TPF  GATE 44 BLDG 184  TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-1412/0000				
0002	FSCM: 19207 PART NR: 12296926 SECURITY CLASS: Unclassified				
0002AA	OPTION CLIN	1037	EA	\$ 19.80000	\$20,532.60
	NOUN: HUB CAP, WHEEL				
	OPTION QUANTITY, PURSUANT TO SECTION H OR I CLAUSE ENTITLED OPTION FOR INCREASED QUANTITY SEPARATELY PRICED LINE ITEM  The quantity stated for the option CLIN DOES NOT Form a part of the basic contractual quantity. Part or all of it may, however, be added to the contract by exercise of the option clause, at the discretion of the Government.				
	(End of narrative B001)				
	Description/Specs./Work Statement TOP DRAWING NR: 12296926 DATE: 04-JUN-2004				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE TDP FOR PACKAGING DATA UNIT PACK: EA INTERMEDIATE PACK: 001 LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial				

#### Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-P-1412 MOD/AMD

**Page** 5 **of** 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

TEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Inspection and Acceptance				
	INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance				
	DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD				
	001 DEL REL CDOUANTITYDEL_DATE				
	001 1,037 UNDEFINITIZED				
	FOB POINT: Destination				
	SHIP TO: PARCEL POST ADDRESS				
	(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE				
	(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR				
	ITEMS REQUIRED UNDER THIS REQUISITION.				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-04-P-1412/0000				
			1		

' <u>'</u>	CONTIN	I LATION :	CITEET	Refe	rence N	o. of Docume	nt Being Co	ontinue	d		Page 6 of 23
	CONTIN	UATION	SHEET	PIIN/SIIN	<b>√</b> ₩56HZ	V-04-P-1412		MOD/	AMD		
Name	of Offeror or	Contractor	WEST COAST	CONTRACTING							
CONTRAC	T ADMINISTRA	TION DATA									
	PRON/						JO	В			
LINE	AMS CD/	OBLG					OR	DER	ACCOUNTI	NG	OBLIGATED
<u>ITEM</u>	MIPR	ACRN STAT	ACCOUNTING	CLASSIFICATION			NU	MBER	STATION		AMOUNT
0001AA	EH493034EH	AA 1	97 X4930A	C6D 6D	26FB	S20113			W56HZV	\$	20,532.60
	070011										
									TOTAL	\$	20,532.60
SERVICE	:							ACCOU	NTING		OBLIGATED
NAME	TOTA	L BY ACRN	ACCOUNTING	CLASSIFICATION				STATIO	ON		AMOUNT
Army		AA	97 X4930A	C6D 6D	26FB	S20113		W56HZV	J	\$ _	20,532.60
									TOTAL	\$	20,532.60

COL	VTI	NIIA	TIC	N	SHEET

Name of Offeror or Contractor: WEST COAST CONTRACTING

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 7 of 23

THYBIR ....

CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: http://farsite.hill.af.mil/

[End of Clause]

3	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
4	52.219-6	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE	JUN/2003
5	52.222-19	CHILD LABORCOOPERATION WITH AUTHORITIES AND REMEDIES	JUN/2004
6	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
7	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JAN/2004
8	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFERCENTRAL CONTRACTOR REGISTRATION	OCT/2003
9	52.246-1	CONTRACTOR INSPECTION REQUIREMENTS	APR/1984
10	52.246-2	INSPECTION OF SUPPLIESFIXED PRICE	AUG/1996
11	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
12	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	APR/2003
13	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (Alternate I	DEC/2000
		dated Dec 2000)	
14	52.204-4006	INCORPORATION OF TACOM MASTER SOLICITATION FOR SIMPLIFIED	MAY/2000
	(TACOM)	ACQUISITIONS AND DESIGNATION OF F.O.B. POINT	

- (a) This Request for Quotation (RFQ) or Purchase Order (PO) incorporates by reference TACOM-Warren's Master Solicitation for Simplified Acquisitions with the same force and effect as though the clauses and provisions it contains were physically incorporated into this document. The version in effect at time of award is the version that applies to your purchase order.
- (b) The TACOM-Warren Master Solicitation for Simplified Acquisitions is available on our Electronic Contracting web page, which you can reach using the following URL address: http://contracting.tacom.army.mil/opportunity.htm
- (c) The clauses and provisions in Section I of the Master Solicitation apply to all TACOM-Warren RFQs and Purchase Orders that contain this clause. The clauses contained in Section II of the Master Solicitation applies in addition to those in Section I when the RFQ or PO specifies F.O.B. Origin.
  - (d) We hereby specify that the required F.O.B. point for this acquisition is Destination.
- (e) We will keep the Master Solicitation identified in this clause available on our Electronic Contracting web page during the entire period of performance of the purchase order. If the current Master Solicitation later is revised to incorporate a change in any of the clauses, the version specified in this clause will be retained, intact, in an archive area on our web page for continued reference and use.

[End of Clause]

15 52.211-4015 CONFIGURATION CONTROL--ENGINEERING CHANGES APR/2004 (TACOM)

#### (a) DEFINITIONS:

- (1) Engineering Change Proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the Technical Data Package (TDP). ECPs can be issued before or during contract performance. NOTE: The current Government Standard allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a deviation along with your ECP.
- (2) Request for Deviation (RFD). A RFD is a one-time request to deviate from TDP requirements. You must submit your deviation request before you deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.
  - (3) Value Engineering Change Proposal (VECP). A proposal that --
    - (i) Requires a change to the instant contract; and
    - (ii) Results in reducing the overall projected cost to the agency without impairing essential functions or

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

**Page** 8 **of** 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

characteristics; provided, that it does not involve a change --

- (A) In deliverable end item quantities only;
- (B) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or
- (C) To the contract type only.
- (4) Notice of Revision (NOR). A NOR describes the proposed changes to a technical document being requested by an ECP.
- (b) When will TACOM start processing change requests? TACOM won't start processing any ECP, VECP, or RFD until we receive the ACO's comments (see paragraph (e) below) and the ECP, VECP, or RFD documentation.
- (c) Contractor Responsibility. ECPs, VECPs, and RFD shall contain information per the instructions outlined on the Data Delivery Descriptions (DDDs) which can be found at the following website: http://contracting.tacom.army.mil/engr/engrchange.htm. Forms for preparing an ECP, VECP, or a RFD can also be found at this website. You may use other media, as long as you give us all the information outlined in the DDDs.
  - (1) Identify the two-digit Weapon System Code (WSC) on your submittal. The WSC for this procurement is MM.
- (2) The Contractor shall submit ECPs/VECPs/RFDs to the Government electronically. You must use one of the following electronic mediums: 100 megabyte Zip\*-disk, 3 1/2 inch disk, 650 megabyte CD ROM, or E-mail. (E-mail files must be sized 3.5 mb or less.) Identify the software application, and version, that you used to create each file submitted.
- (3) ECPs/VECPs/RFDs submitted in paper form are unacceptable and will be returned. You must use one of the following electronic formats:
- (i) Files readable using these Microsoft 97 Office Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable.
  - (ii) Files in Adobe PDF (Portable Document Format).
- (iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic ECPs/VECPs/RFDs and be accessible offline.
- (iv) Other electronic formats. Before preparing your ECPs, VECPs or RFDs in any other electronic format, please e-mail the engineer, copy-furnished to the buyer and ACO, to obtain a decision as to the format's acceptability. Failure to e-mail the engineer to seek an alternate format's acceptability may result in rejection of your submission. All alternate methods must be at no cost to the Government. NOTE: The above formats may be submitted in compressed form using self-extracting files.
  - (d) Submittal Procedures for ECPs/VECPs/RFDs.
    - (1) Send one copy of the ECP, VECP or RFD in electronic format to your ACO.
    - (2) Send one copy of the ECP, VECP or RFD in electronic format to the buyer listed on the solicitation/ contract document.
- WARNING Submit complete, legible, virus free packages per paragraphs 1 and 2 above, or we may return your ECP/VECP/RFD without processing them.
- (e) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare Comments on the ECP, VECP, or RFD in electronic format, and forward it as follows:

ECPs, VECPs, and RFDs. Email a copy of the contractor's request and ACO comments (DD Form 1998) to the engineer majewskv@tacom.army.mil and the buyer identified in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

- (f) Approval of ECPs, VECPs and RFDs.
- (1) ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.
  - (2) ECPs. TACOM will review and make a decision within the ninety day timeframe. Notification of our decision will be made

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

**Page** 9 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

by the contracting officer or representative.

- (3) RFDs. Decision on RFDs will be made within 30 days from the date we receive them from the ACO.
- (g) Processing Emergency and Urgent ECPs. Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in paragraph 11 of DDD for ECPs), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames as outlined in paragraph 11 of the DDD for ECPs.
- (h) Reminder Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.
  - (i) RFDs shall contain sufficient pricing data to determine if a downward equitable adjustment to the contract is required.
  - (i) Ouestions.
- (1) Questions about preparation and submittal of change request should be directed to the Government Quality Assurance Representative (OAR).
- (2) Questions about the status of change requests you've already submitted, contact the buyer. You can find the buyer's name, number and e-mail address in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

[End of Clause]

16 52.211-4053 REQUIRED TAILORING LANGUAGE TO ELIMINATE CLASS I OZONE-DEPLETING MAR/2000 (TACOM) SUBSTANCES

- (a) The purchase description or Technical Data Package (TDP) for this purchase order incorporates one or more specifications or standards that, in their unmodified form, either authorize or require the use of Class I Ozone-Depleting Substances (CIODS). For purposes of your performance on this purchase order, those specifications (which are identified in paragraph (b) of this clause) are modified by special tailoring language which appears in the TACOM Acquisition Center's web-site. Directions for reaching our web-site and locating the required tailoring language appear in paragraph (c) of this clause.
- (b) Tailoring language to eliminate the authorization or requirement to use Class I Ozone-Depleting Substances (CIODS) is hereby incorporated into this contract by reference. Packaging Specifications MIL-L-61002 and MIL-STD-129, where they apply, are affected by this tailoring language. Other specifications and standards affected are: "N/A".
- (c) The CIODS listing that contains the required tailoring language is on the TACOM Acquisition Center web-site, which you can reach by using this URL: http://contracting.tacom.army.mil/ciods.html

[End of Clause]

17 52.211-4517 PACKAGING REQUIREMENTS (COMMERCIAL) MAR/2004 (TACOM)

(a) The preservation, packing, and marking requirements for this contract/order shall be accomplished in accordance with the performance requirements defined herein. The following Packaging requirements shall apply:

LEVEL OF PRESERVATION: Commercial

LEVEL OF PACKING: Commercial

QUANTITY PER UNIT PACKAGE: 001

- (1) Packaging: Preservation, packaging, packing, unitization and marking furnished by the supplier shall provide protection for a minimum of one year and meet or exceed the following requirements. It also provides for multiple handling, redistribution and shipment by any mode.
- (2) Cleanliness: Items shall be free of dirt and other contaminants which would contribute to the deterioration of the item or which would require cleaning by the customer prior to use. Coatings and preservatives applied to the item for protection are not considered contaminants.

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 10 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

- (3) Preservation: Items susceptible to corrosion or deterioration shall be provided protection by means of preservative coatings, volatile corrosion inhibitors, desiccants, waterproof and/or watervaporproof barriers.
- (4) Cushioning: Items requiring protection from physical and mechanical damage (e.g. fragile, sensitive, material critical) or which could cause physical damage to other items, shall be protected by wrapping, cushioning, pack compartmentalization, or other means to mitigate shock and vibration to prevent damage during handing and shipment.
- (b) Unit Package: A unit package shall be so designed and constructed that it will contain the contents with no damage to the item(s), and with minimal damage to the unit pack during shipment and storage in the shipping container, and will allow subsequent handling. The outermost component of a unit package shall be a container such as a sealed bag, carton or box.
  - (c) Unit Package Quantity: Unless otherwise specified, the unit package quantity shall be one each part, set, assembly, kit, etc.
  - (d) Intermediate Package: Intermediate packaging is required whenever one or more of the following conditions exists:
    - (1) The quantity is over one (1) gross of the same national stock number,
    - (2) Use enhances handling and inventorying,
    - (3) The exterior surfaces of the unit pack is a bag of any type, regardless of size,
    - (4) The unit pack is less than 64 cubic inches,
    - (5) The weight of the unit pack is under five (5) pounds and no dimension is over twelve (12) inches.

Intermediate containers shall be limited to a maximum of 100 unit packs, a net load of 40 pounds, or a maximum volume of 1.5 cubic feet, whichever occurs first.

#### (e) Packing:

- (1) Unit packages and intermediate packages not meeting the requirements for a shipping container shall be packed in shipping containers. All shipping containers shall be the most cost effective and shall be of minimum cube to contain and protect the items.
- (2) Shipping Containers: The shipping container (including any necessary blocking, bracing, cushioning, or waterproofing) shall comply with the regulations of the carrier used and shall provide safe delivery to the destination at the lowest tariff cost. The shipping container shall be capable of multiple handling, stacking at least ten feet high, and storage under favorable conditions (such as enclosed facilities) for a minimum of one year.
- (f) Unitization: Shipments of identical items going to the same destination shall be palletized if they have a total cubic displacement of 50 cubic feet or more unless skids or other forklift handling features are included on the containers. Pallet loads must be stable, and to the greatest extent possible, provide a level top for ease of stacking. A palletized load shall be of a size to allow for placement of two loads high and wide in a conveyance. The weight capacity of the pallet must be adequate for the load. The preferred commercial expendable pallet is a 40 x 48 inch, 4-way entry pallet although variations may be permitted as dictated by the characteristics of the items being unitized. The load shall be contained in a manner that will permit safe handling during shipment and storage.

#### (g) Marking:

- (1) All unit packages, intermediate packs, exterior shipping containers, and, as applicable, unitized loads shall be marked in accordance with MIL-STD-129P(2), dated 10 Feb 2004, including bar coding. The contractor is responsible for application of special markings as discussed in the Military Standard regardless of whether specified in the contract/order or not. Special markings include, but are not limited to, Shelf-life markings, structural markings, and transportation special handling markings. The marking of pilferable and sensitive material will not identify the nature of the material.
- (2) Contractors and vendors shall apply identification and address markings with bar codes in accordance with this standard. For shipments moving to overseas locations and for mobile deployable units, the in-the-clear address must also include the host country geographic address and the APO/FPO address. A Military Shipment Label (MSL) is required for all shipments except contractor to contractor. The MSL will include both linear and 2D bar codes per the standard. DVD shipment documentation must also be marked with additional bar codes. The DD Form 250 or the commercial packing list shall have additional issue/receipt bar coding applied as per Direct Vendor Delivery Shipments in the standard (except for deliveries to DLA Distribution Depots, e.g. New Cumberland, San Joaquin, Red River, Anniston). Packing lists are required in accordance with the Standard, see paragraph 5.3
- (3) Contractor to contractor shipments shall have the address markings applied to the identification marked side of the exterior shipping container or to the unitized load markings. The following shall be marked "FROM: name and address of consignor and TO: name and address of consignee".
- (4) Computer Automated Transportation Tool (CATT). The following website provides detailed instructions for downloading and installing the Military Shipment Label/Issue Receipt Document (CATT MSL/IRRD) software that will generate a Military Shipping Label to include the required Code 39 and 2D(PDF417) bar codes on the label: <a href="http://www.asset-trak.com/catt/msl\_irrd/mslirrdmain.htm">http://www.asset-trak.com/catt/msl\_irrd/mslirrdmain.htm</a> This

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 11 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

program was developed by the Army and is free to those with government contracts. Two contractors have introduced a version of the MSL software that can be purchased by contractors. Both programs produce labels that appear to be in compliance with the requirements of MIL-STD-129P. Contractors are MILPAC (<a href="http://milpac.com/">http://milpac.com/</a>) and Easysoft Corporation (<a href="http://easysoftcorp.com/">http://easysoftcorp.com/</a>). Ensure that the ship to and mark for in-the-clear delivery address is complete including: consignees name, organization, department name, office, building, room, street address, city, state, country code, & DODAAC.

- (h) Hazardous Materials(As applicable):
- (1) Hazardous Materials is defined as a substance, or waste which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated. (This includes all items listed as hazardous in Titles 29, 40 and 49 CFR and other applicable modal regulations effective at the time of shipment.)
- (2) Packaging and marking for hazardous material shall comply with the requirements herein for the mode of transport and the applicable performance packaging contained in the following documents:

International Air Transport Association (IATA) Dangerous Goods Regulations International Maritime Dangerous Goods Code (IMDG)
Code of Federal Regulations (CFR) Title 29, Title 40 and Title 49
Joint Service Regulation AFJMAN24-204/TM38-250/NAVSUPPUB 505/MCO
P4030.19/DLAM 4145.3 (for military air shipments).

- (3) If the shipment originates from outside the continental United States, the shipment shall be prepared in accordance with the United Nations Recommendations on the Transport of Dangerous Goods in a manner acceptable to the Competent Authority of the nation of origin and in accordance with regulations of all applicable carriers.
- (4) A Product Material Safety Data Sheets (MSDS) is required to be included with every unit pack and intermediate container and shall be included with the packing list inside the sealed pouch attached to the outside of the package.
- (i) Heat Treatment and Marking of Wood Packaging Materials: Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat-treated. All non-manufactured wood used in packaging shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall be affiliated with an inspection agency accredited by the board of review of the American Lumber Standard Committee. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure traceability to the original source of heat treatment. Marking. Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens; on two sides of the pallet. Foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organizations compliance program.
- (j) Quality Assurance: The contractor is responsible for establishing a quality system. Full consideration to examinations, inspections, and tests will be given to ensure the acceptability of the commercial package.
  - (k) SUPPLEMENTAL INSTRUCTIONS: NONE

[End of Clause]

18 52.217-4001 SEPARATELY PRICED OPTION FOR INCREASED QUANTITY (TACOM)

APR/1997

- (a) The Government hereby reserves the right to increase the quantity of the contract item up to an additional quantity of 1,037 units. The unit price for such option quantity shall be as set forth in CLIN 0002AA. This option may be exercised by the Government at any time, but in any event not later than 120 days after award. In addition, such option may be exercised in increments, subject to the stated total additional quantity limitations, price(s), and the above-stated time for exercise of the option.
- (b) Delivery of the items added by the exercise of this option shall continue immediately after, and at the same rate as, delivery of like items called for under this contract, unless the parties hereto otherwise agree.
- (c) Additionally, prior to the expiration of the original option period identified in paragraph (a) above, the Government may seek a bilateral extension of the option period for an additional period not to exceed 90 days from the expiration date of the original option period.

[End of Clause]

19 52.246-4053 USE OF MIL-STD 1916 (TACOM)

JAN/2001

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

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Name of Offeror or Contractor: WEST COAST CONTRACTING

The Government will not accept lots whose samples submitted for acceptance contain nonconformances unless appropriately documented and approved by the contracting officer. The contractor shall use MIL-STD- 1916, DOD Preferred Methods of Acceptance of Product. The Verification Level (VL) shall be VL IV for major characteristics and VL II for minor characteristics. MIL-HDBK-1916 provides guidance on the use of MIL-STD 1916. This handbook is not contractually binding.

[End of Clause]

20 52.204-7 CENTRAL CONTRACTOR REGISTRATION

OCT/2003

Page 12 of 23

- (a) Definitions. As used in this clause--
- "Central Contractor Registration (CCR) database" means the primary Government repository for contractor information required for the conduct of business with the Government.
- "Commercial and Government Entity (CAGE) code" means-
  - (1) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or
  - (2) A code assigned by a member of the North Atlantic Treaty Organization that DLIS records and maintains in the CAGE master file. This type of code is known as an "NCAGE code."

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11 of the Federal Acquisition Regulation) for the same parent concern.

- "Registered in the CCR database" means that-
  - (1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database;
  - (2) The Contractor's CAGE code is in the CCR database; and
- (3) The Government has validated all mandatory data fields and has marked the records "Active."

(b)

- (1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.
- (2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation DUNS or DUNS+4 followed by the DUNS or DUNS+4 number that identifies the offerors name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.
- (c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.
  - (1) An offeror may obtain a DUNS number
    - (i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com/ ; or
    - (ii) If located outside the United States, by contacting the local Dun and Bradstreet office.
    - (2) The offeror should be prepared to provide the following information:
      - (i) Company legal business name.
      - (ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
      - (iii) Company physical street address, city, state and Zip Code.
      - (iv) Company mailing address, city, state and Zip Code (if separate from physical).
      - (v) Company telephone number.
      - (vi) Date the company was started.
      - (vii) Number of employees at your location.
      - (viii) Chief executive officer/key manager.
      - (ix) Line of business (industry).
      - (x) Company Headquarters name and address (reporting relationship within your entity).
- (d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.
- (e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.
- (f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Governments reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(1)

(i) If a Contractor has legally changed its business name, doing business as name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business days written notification of its intention

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 13 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

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- (A) Change the name in the CCR database;
- (B) Comply with the requirements of Subpart 42.12 of the FAR;
- (C) Agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name
- (ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the Suspension of Payment paragraph of the electronic funds transfer (EFT) clause of this contract.
- (2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractors CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the Suspension of payment paragraph of the EFT clause of this contract.
- (g) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the Internet at http://www.ccr.gov/ or by calling 1-888-227-2423, or 269-961-5757.

(End of clause)

21 52.247-48

F.O.B. DESTINATION--EVIDENCE OF SHIPMENT (DEVIATION)

JUL/1995

- (a) If this contract is awarded on an f. o. b. destination basis, and if transportation is accomplished by common carrier, parcel post, or other than common carrier, the Contractor agrees not to invoice until the supplies are shipped, and to retain the following evidence of shipment (EOS) documentation for a period of 4 years after completion of the contract.
- (1) If transportation is accomplished by common carrier, the Contractor will retain a signed copy of the commercial bill of lading of the supplies covered by the invoice, indicating the carrier's intent to ship said supplies to the destination specified in the contract.
  - (2) If transportation is accomplished by parcel post, the Contractor will retain a copy of the mailing certificate, or
- (3) If transportation is by other than common carrier or parcel post, the Contractor will retain the receipt copy of the appropriate delivery document showing receipt at the destination in the contract.
- (b) Retention of the above EOS documentation and having the documentation available for subsequent review, if needed, eliminates the requirement to provide these documents with the Contractor's paper, or electronically transmitted, invoices.

[End of Clause]

22 252.223-7001 HAZARD WARNING LABELS

DEC/1991

- (a) <u>Hazardous material</u>, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.
- (b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labelling requirements of one of the following statutes:
  - (1) Federal Insecticide, Fungicide and Rodenticide Act;
  - (2) Federal Food, Drug and Cosmetics Act;
  - (3) Consumer Product Safety Act;
  - (4) Federal Hazardous Substances Act; or
  - (5) Federal Alcohol Administration Act.
- (c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labelled in accordance with one of the Acts in paragraphs (b)(1) through (5) of this clause instead of

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 14 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert None.)	<u>ACT</u>

- (d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.
- (e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

[End of Clause]

- 23 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (Alternate III dated May 2002) MAY/2002
- (a) Definitions. As used in this clause--
- (1) <u>Components</u> means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.
  - (2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.
  - (3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.
  - (4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.
- (5) <u>Subcontractor</u> means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.
- (6) <u>Supplies</u> means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.
- (i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.
- (ii) <u>Supplies</u> includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.
- (7) <u>U.S.-flag vessel</u> means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.
  - (b)(1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.
    - (2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-
      - (i) This contract is a construction contract; or
      - (ii) The supplies being transported are-
        - (A) Noncommercial items; or
        - (B) Commercial items that-
  - (1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);
  - (2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or
  - (3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.
    - (c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels,

### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412 MOD/AMD

Page 15 of 23

JUN/2004

Name of Offeror or Contractor: WEST COAST CONTRACTING

**CONTINUATION SHEET** 

or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that-

- (1) U.S.-flag vessels are not available for timely shipment;
- (2) The freight charges are inordinately excessive or unreasonable; or
- (3) Freight charges are higher than charges to private persons for transportation of like goods.
- (d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--
  - (1) Type, weight, and cube of cargo;
  - (2) Required shipping date;
  - (3) Special handling and discharge requirements;
  - (4) Loading and discharge points;
  - (5) Name of shipper and consignee;
  - (6) Prime contract number; and
- (7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.
- (e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information-
  - (1) Prime contract number;
  - (2) Name of vessel;
  - (3) Vessel flag of registry;
  - (4) Date of loading;
  - (5) Port of loading;

24

- (6) Port of final discharge;
- (7) Description of commodity;

52.204-4005

- (8) Gross weight in pounds and cubic feet if available;
- (9) Total ocean freight in U.S. dollars; and
- (10) Name of the steamship company.
- (f) The Contractor shall insert the substance of this clause, including this paragraph (f) in subcontracts that are for a type of supplies described in paragraph (b)(2) of this clause.

[End of Clause]

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25	52.204-4009	MANDATORY USE	OF CONTRACT	OR TO	GOVERNMENT	ELECTRONIC	COMMUNICATION	· ·	JUN/1999
	(TACOM)								
	( 1110011)								

REQUIRED USE OF ELECTRONIC CONTRACTING

CONTINUATION SHEET	Reference No. of Document Bei	ng Continued	Page 16 of 23
CONTINUATION SHEET	PIIN/SIIN W56HZV-04-P-1412	MOD/AMD	

Name of Offeror or Contractor: WEST COAST CONTRACTING

- (a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)
- (b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.
- (c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).
- (d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.
- (e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

26 52.211-4008 DRAWING LIMITATIONS NOV/2002 (TACOM)

- (a) The drawings supplied with this contract are <u>not</u> shop or process drawings. They are engineering design drawings. They are adequate to permit manufacture, and:
  - (1) depict the completed (item(s), and
  - (2) serve as the basis for inspection of the completed item(s).
- (b) These drawings DON'T cover intermediate drawings/specifications or steps in the manufacturing process. As a result, even if you meet all the dimensions and tolerances specified in the engineering design drawing for each individual part, a cumulative unacceptable fit for the contract item could result.
- (c)  $\underline{\text{YOU ARE RESPONSIBLE}}$  for producing the shop or process drawings needed to cover intermediate steps in the manufacturing process.
- (d) The Contractor agrees that he has obtained all specifications and drawings necessary to manufacture the items being solicited in accordance with the TDP including all incorporated specifications and drawings. The contractor is responsible for having all drawings and specifications. Delivery delays are not excusable where the contractor asserts that it did not have a specification or drawing and has failed to request, in writing, the specification from either the Contracting Officer or Contract Specialist prior to the solicitation closing date.
- (e) If you fail to produce an end item with a cumulative fit that conforms to Government drawings, specifications or other supplemental manufacturing documentation, you'll be responsible for correcting this condition at no additional cost to the Government and no delivery schedule extension.

[End of Clause]

27 52.211-4010 ACQUISITION OF MAUFACTURER'S PART NUMBER: COMPONENTS FEB/1995 (TACOM)

One or more of the drawings for part of the contract item set forth in the Schedule and in the Technical Data Package specify manufacturer's part numbers. Since complete Government technical data for such part or parts are not available, it is understood that the Contractor, by accepting this contract, agrees to furnish only the listed manufacturer's part number(s) for those components of the contract item, except as provided in the provision entitled NOTICE REGARDING "SOURCE-CONTROLLED" COMPONENTS located elsewhere herein. It is further understood and agreed that references to manufacturer's part numbers herein shall be deemed to include all changes or revisions thereto which the approved manufacturer has made effective as of the first date of delivery of any of the items under this contract; provided, that no change or revision that affects the interchangeability (ability to be interchanged with previous parts and to match with all mating parts when assembled) of the listed manufacturer's part shall be incorporated into the contract item without the prior written approval of the Procuring Contracting Officer.

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 17 of 23

SIIN W56HZV-U4-P-1412 MOD/A

Name of Offeror or Contractor: WEST COAST CONTRACTING

[End of Clause]

28 52.211-4016 CARC PAINT-PRETREATMENT REQUIREMENTS FOR FERROUS, GALVANIZED AND AUG/2003 ALUMINUM SURFACES

(a) Ferrous and galvanized surfaces shall be cleaned and pretreated with a Type 1 microcrystalline zinc phosphate system per TT-C-490E. Alternate pretreatment systems for ferrous substances must meet the performance tests specified in paragraphs 3.5.7, 3.5.8, Corrosion resistance tests will be conducted on a monthly basis (two test coupons) after the process 4.2.7, and 4.2.8 of TT-C-490E. has been found to be in compliance with the (pretreatment chemicals) manufacturers instructions. Process control tests for this or alternative systems must ensure that the process remains in control and must be documented per ISO 9000 series and approved by TACOM. Testing (corrosion resistance and adhesion) must be performed on the same substrate and the same thickness of primer minus topcoat used in production. Unless otherwise specified, MIL-P-53022 and -53030 primers shall be salt spray tested for 336 hours (ASTM B117). All electrocoat primers shall be tested for 1000 hours. Test coupons shall be scraped at a 30 degree contact angle (approximate), with a one inch (approximate) metal blade such as a putty knife, between 24 and 168 hours after removal from the neutral salt spray cabinet for coupon evaluation. Any TT-C-490E (Type I) inorganic crystalline pretreatment is limited to a maximum build equivalent of 500 mg per square foot to minimize chipping of the CARC system. All TT-C-490E (Type I) zinc phosphate pretreatment systems must be documented per ISO 9000 series and approved by the procuring activity prior to use. The procedure containing all the elements specified in paragraph 3.2 of TT-C-490E shall be submitted to the procuring activity no less than 45 days prior to start of work. Oualification will consist of verification that the process with its controls can meet the performance requirements in the specification. The performance of zinc phosphate or any proposed alternate pretreatment system must be demonstrated and approved by the procuring activity. Prior to production, a Letter of Approval shall be provided by the Contracting Officer.

Requalification of the process shall be required if the process is changed outside the limits defined in the TACOM letter of system acceptance (Letter of Approval) provided to the application facility.

Note: Zinc phosphate systems for galvanized surfaces require separate qualification. Hot dipped galvanized surfaces are highly prone to chlorine/chloride contamination from the galvanizing flux process. This contaminant must be removed prior to pretreatment for the coating system to pass these performance tests. Due to the wide variation in zinc thickness with the hot dip galvanizing process, the dry film thickness of the primer will be verified with a Tooke gage or equivalent for the purpose of production and process control. Primer test coupons shall represent both the minimum and maximum nominal dry film thickness. The test coupons must duplicate the production painting process as closely as possible.

- (b) Qualification of pretreatment systems for zinc galvanized substrates shall be performed using Accelerated Corrosion Test protocol contained in GM 9540P, Method B, rather than salt spray. Test coupons with pretreatment and primer only shall be cured for seven days, and then scribed through the primer to the substrate. After 40 cycles of test exposure, the test coupons shall be scraped at a 30 degree contact angle (approximate), with a one inch (approximate) metal blade such as a putty knife, both parallel and perpendicular to the scribe between 24 and 168 hours after removal from the cyclic salt spray chamber for coupon evaluation. There shall be no more than 3 mm of red rust creep, blistering, or loss of paint adhesion from the scribe line and no more than 5 blisters in the field with none greater than 1 mm diameter. This test shall be performed at two month intervals (two test coupons) to ensure that the process remains in control.
- (c) Aluminum substrates require a chromate conversion coating per MIL-C-5541E (or alternate, see note below), after appropriate cleaning per TT-C-490E. If any other alternate pretreatment is considered, it must pass 120 cycles of GM9540P, as a scribed Q-panel when coated with the production primer. After completion of the cyclic salt environment exposure, the panels shall be scraped as described above, and shall have no more than 0.5 mm paint loss (creep-back) from the scribe. In addition, there shall be no more than 5 blisters in the field with none larger than 1mm diameter. After completion of the 120 cycle corrosion resistance test evaluation, each test panel will be subjected to cross hatch tape test (ASTM D3359, minimum tape adhesion rating of 45 oz. per inch of width). The test pattern shall be 4 lines x 4 lines scribed to the metallic layer at 2mm intervals (approximate) and shall be done no closer than 12 mm from any panel edge or the scribe. Multiple head cutters may be used. The removal of two or more complete squares of primer shall constitute failure. Any alternate system must demonstrate its ability to pass both corrosion and adhesion tests on 5 consecutive days of production to be considered acceptable. All process steps shall be documented IAW ISO 9000 series standards and approved by the procuring activity.

Note: The only alternative products which have demonstrated their ability to meet these requirements for 5000 and 6000 series aluminum alloys are Alodine 5200 and Alodine 5700.

(d) The use of TT-C-490E Type III: Vinyl Wash Primer (DOD-P-15328) is prohibited due to its hexavalent chromium content and high VOC level. The Army is committed to minimizing the use of HAPs and hazardous materials.

[End of Clause]

29 52.211-4030 SPECIAL TESTING REQUIREMENTS FOR CHEMICAL AGENT RESISTANT COATINGS MAR/2001 (TACOM) (CARC) ON METALLIC SURFACES

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 18 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

MIL-C-53039 MIL-PRF-22750

- (b) End-Item Paint Inspection: After the complete paint finish has been applied and cured\* (See \*Note, below), the Contractor shall test and inspect two units per lot for (i) workmanship, (ii) total paint film thickness, and (iii) paint adhesion. Unless otherwise agreed to between the Contractor and the cognizant Government quality assurance representative, a <u>lot</u> shall be defined as all units submitted for final Government acceptance at one time. The use of test panels in lieu of actual production units is prohibited. At final inspection, the cumulative total paint film thickness of pretreatment, primer, and topcoat shall at a minimum conform to the sum of the minimum thicknesses for individual elements of the paint finish as specified in the Film Thickness Table below. Sufficient locations shall be spot-checked to ensure proper workmanship and paint thickness uniformity. The size and configuration of the unit as well as the number of vendors responsible for the paint finish of component parts shall be taken into consideration in determining the number of locations to be checked. The specific number of test locations shall be agreed to by the cognizant Government quality assurance representative in advance. In addition, two locations on each sample unit shall be selected to conduct the scribe tape test. The test locations shall be routinely varied among the following:
  - (1) Directly adjacent to a weld
  - (2) On or directly adjacent to a machine cut or sheared edge.
  - (3) On any mechanically formed surface when lubricants/drawing compounds were used.
  - (4) On paint touch-up areas.
- (c) The precise location for each scribe tape test shall be in an inconspicuous location that has been accepted by the cognizant Government quality assurance representative before the test is conducted.
- (d) Upon completion of the scribe tape test, the scribe marks shall be feathered into the adjacent area and touched up with the required top coat so that the tested area again conforms to the applicable minimum specified in the Film Thickness Table below.

\*Note: The complete paint finish is defined as the pretreatment, primer, and topcoat applied to the substrate. Curing of the complete paint finish is dependent upon temperature, humidity, and paint film thickness. The time necessary to achieve sufficient adhesion to pass the scribe tape test must be determined by each facility. For purposes of this test, curing at ambient temperature will take from 24 days.

## (e) <u>Test Methods</u>:

- (1) <u>Film Thickness</u>. Film thickness shall be verified with a nondestructive film gage. The gage shall be suitable for measurements over the applicable substrate material and shall have sufficient accuracy to ensure compliance to the thickness limitations. The gage shall be capable of being calibrated. If no other calibration specification or requirement is identified elsewhere in this contract, then the gage shall be calibrated in accordance with ISO 10012.
- (2) <u>Scribe Tape Test</u>. The following test procedure shall be followed. The test surface shall be sufficiently warm and dry to ensure adhesion of the tape. All dimensions cited in this Scribe Tape Test description are approximate:
- (i) Scribe four one-inch lines completely through the paint finish to the substrate, one sixteenth to three thirty-seconds of an inch apart.
- (ii) Scribe four additional one-inch lines, completely through the paint finish, one sixteenth to three thirty-seconds of an inch apart, rotated 90 degrees with respect to the first set of lines. The resulting pattern shall contain nine squares.
- (iii) Press a length of A-A-1830, A-A-884, or any commercially available tape with a minimum adhesion rating of 45 oz. per inch of width firmly over the scribed pattern, rubbing out all air pockets.
- (iv) Wait 10 seconds, minimum. Grasp a free end of the tape and at a rapid speed strip it from the paint surface by pulling the tape back upon itself at 180 degrees.

#### (f) Interpretation of Test Results

NOTE: These two tests are not a substitute for corrosion tests such as neutral salt spray or accelerated corrosion tests which verify coating durability.

(1) Film Thickness. All applicable surfaces shall have complete paint coverage. A minimum of 75% of the applicable surfaces of each test unit shall meet the minimum, cumulative dry film thickness requirements. Failure of either test unit shall result in rejection of the production lot that it represents.

FILM THICKNESS TABLE

COMPINITATION CHEET	Reference No. of Do	Page 19 of 23	
CONTINUATION SHEET	PIIN/SIIN W56HZV-04-P-	1412 MOD/AMD	
Name of Offeror or Contractor: WEST COAST	·		
	DOD-P-15328*	0.3 - 0.5	
	MIL-PRF-23377	1.0 - 1.5	
	MIL-P-53022	1.0 - 1.5	
	MIL-PRF-22750	1.3 - 1.7	
	MIL-P-53030	1.0 - 1.5	
	MIL-C-46168	1.8 - 3.2	
	MIL-C-53039	1.8 - 3.2	

<sup>\*</sup>May not be allowed per contract due to VOC and hexavalent chromium content.

(2) Scribe Tape Test (Adhesion). The removal of two or more complete squares of top coat, or top coat-primer-pretreatment coating, from either test unit constitutes test failure and the production lot from which it comes is rejected. Removal of overspray does not constitute test failure.

Notice: The scribe tape test is designed to detect any deficiency in the paint application process that would affect the durability of the CARC finish. Typical causes of failure are:

- (i) Inadequate cleaning of the substrate.
- (ii) Contamination of the surface between coatings.
- (iii) Excessive paint film thickness in a single coating application.
- (iv) Application of a coating over a previous coating which has not been adequately cured.

It is strongly recommended that the Contractor implement rigid in-process controls in conjunction with the best industrial painting practices to ensure that the performance requirements specified in this clause are met.

[End of Clause]

30 52.211-4059 RADIOGRAPHIC INSPECTION MAR/2001 (TACOM)

Radiographic inspection of production steel castings as required by applicable drawings and/or specifications shall be accomplished as follows:

- (1) Operators and radiographic equipment shall be qualified in accordance with NAS 410, prior to radiography of production castings.
  - (2) The first casting shall be radiographed in all routine and random positions described on the position chart.
- (3) Subsequent castings shall be radiographed in those areas that were defective in the immediately preceding castings, until compliance with the required standard has been obtained. Objective evidence shall be provided by the producer that corrective action has been taken to eliminate the deficiency.
- (4) All rejectable areas may be repaired in accordance with an approved and qualified repair procedure (when required by applicable specification), and must meet the standard specified on applicable position chart. The producer retains the prerogative of repairing or scrapping defective material.
  - (5) After above requirements have been accomplished, normal sampling shall be applied.
- (6) Normal sampling shall consist of radiographing one control casting selected by the Government Quality Assurance Representative, out of each thirty produced.
- (7) All routine and random positions shall be radiographed on each control casting except when the total exceeds the established number of radiographs that can be taken in a normal eight hour day. When the total number of positions to be radiographed on a control casting exceeds the maximum capability of facilities, random position shall be selected for radiography by the Government

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 20 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

Quality Assurance Representative and rotated in such a manner that complete coverage is achieved within a cycle of five castings radiographed.

- (8) The occurrence of a rejectable defect in any area on a casting shall require the radiographic inspection of each subsequently poured casting in that area until the defective condition is corrected.
- (9) If the results of radiographic inspection on ten consecutive lots of material indicate that a satisfactory uniform product meeting the soundness requirements is being produced, the amount of radiographic testing may be reduced in accordance with a system established by the Contractor and approved by the Procuring Contracting Officer.
- (10) The occurrence of a rejectable defect in any area on a casting shall require return to normal sampling and the radiographic inspection of each subsequently poured casting in that area until the defective condition is corrected.

[End of Clause]

31 52.213-4010 (TACOM)

ADDITIONAL GENERAL CLAUSES

FEB/1997

(TACOM)

The following three FAR clauses apply to this purchase order, in addition to the other clauses contained in, or cited in, the document:

(1) CHANGES-FIXED-PRICE

(AUG 1987)

52.243-1

- (i) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:
  - (A) Drawings, designs, or specifications when the supplies to be furnished are to be specially manufactured for the Government in accordance with the drawings, designs, or specifications.
  - (B) Method of shipment or packing.
  - (C) Place of delivery.
- (ii) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.
- (iii) The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Contracting Officer decides that the facts justify it, the Contracting Officer may receive and act upon a proposal submitted before final payment of the contract.
- (iv) If the Contractor's proposal includes the cost of property made, obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of the disposition of the property.
- (v) Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as changed.

[End of Clause]

(2) TERMINATION FOR CONVENIENCE OF THE GOVERNMENT

(APR 1984)

The Contracting Officer, by written notice, may terminate this contract, in whole or in part, when it is in the Government's interest. If this contract is terminated, the rights, duties, and obligations of the parties, including compensation to the Contractor, shall be in accordance with Part 49 of the Federal Acquisition Regulation in effect on the date of this contract.

[End of Clause]

(3) DEFAULT--FIXED-PRICE SUPPLY AND SERVICE 52.249-8

(APR 1984)

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Name of Offeror or Contractor: WEST COAST CONTRACTING

The Contracting Officer, by written notice, may terminate this contract, in whole or in part, for failure of the Contractor to perform any of the provisions hereof. See referenced FAR cite for full provision.

[End of Clause]

32 52.215-4404 (TACOM)

DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY

MAY/2002

Page 21 of 23

- (a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information.
- (b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of Clause]

52.217-4004 33 (TACOM)

DESTINATION FOR OPTION QUANTITIES

FEB/1994

To compute a price for any option quantity, assume you'll be shipping a proportional share of the option quantity to each destination scheduled to receive shipments of the same item under the basic contract. For example, if the basic contract involves one third of the quantity to go to destination X, and two thirds to destination Y, assume those same percentages will apply to any option quantities the Government will exercise.

[End of Provision]

34 52 246-4005 (TACOM)

INSPECTION AND ACCEPTANCE POINTS: ORIGIN

FEB/1995

The Government's inspection and acceptance of the supplies offered under this order shall take place at ORIGIN. Offeror must specify below the exact name and address of his facility, or his subcontractor's facility, where supplies to be furnished under this order will be available for origin inspection

Contractor's Plant:

(Name and Address)

Subcontractor's Plant: Syntak Industries, Inc. 21966 Adams St., Porter, TX 77365

(Name and Address)

[End of Clause]

52.246-4025 35

HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT -- TACOM QUALITY SYSTEM

REOUIREMENT

MAR/2000

- (a) This solicitation will result in a purchase order that will require the contractor to use a quality-assurance system to ensure the quality of the purchased items.
- (b) To allow TACOM to analyze your proposed quality system, especially if that system is not based on a national or international standard, you must identify your system as part of your response to this solicitation. Paragraph f (below) asks you to identify what quality-assurance system you will use.
- (1) If you indicate that your quality system conforms to one of the ISO 9000-series standards, or to QS 9000, or to ANSI/ASQ 9001 or 9002, this is a sufficient description: you need not further describe your quality system in your response to the solicitation.

#### Reference No. of Document Being Continued

PIIN/SIIN W56HZV-04-P-1412

MOD/AMD

Page 22 of 23

Name of Offeror or Contractor: WEST COAST CONTRACTING

(2) If your quality system does not conform to any of the standards listed in (b)(1) immediately above, then in addition to identifying the name of the quality system you intend to use, you also must provide a description of your proposed system, in enough detail to let us assess its suitability for use in performing the resulting order. This is of particular importance if your proposed system is unique, using quality control methods and techniques that your company has developed in-house. (Note, however, that if the quality system you intend to use is one that conforms to MIL-Q-9858, MIL-I-45208, or another comparable military specification or standard, you don't need to send us a copy of the standard: just identify which standard you intend to use).

- (3) If you provide a description of your quality system, make sure that your description covers how your system:
  - --achieves defect prevention, and
  - --provides process control, and
  - --ensures adequate quality controls throughout all areas of performance.

If some of the features of your system are described in other forms (brochures, for example, or articles), you may attach a copy of such items to your response to this solicitation. If your system is described in a textbook or publication that is available from a commercial or academic distributor, include a reference to the publication by author, title, copyright date, and publisher in your system description. You need not physically attach a copy of a textbook to your offer.

- (c) If you already described your quality system as an attachment to another TACOM solicitation within the previous 90 days, you can either send us another copy, or simply identify the number of the previous solicitation.
- (d) If you do not provide us a description of your quality system, or if the description you send does not show all of the required features as stated in paragraph (b) above, your offer may be ineligible for award.
- (e) As the contractor, you shall implement and maintain a quality system that ensures the functional and physical conformity of all products or services you furnish under this contract. Your quality system shall achieve (i) defect prevention and (ii) process control, providing adequate quality controls throughout all areas of performance.
- (f) Your quality system may be based on (i) international quality standards such as the ISO 9000 series, or (ii) military, or (iii) commercial, or (iv) national quality standards. You represent that your performance under this contract will be in accordance with your quality system, which is in compliance with:

[ ] ISO 9001

[ ] ISO 9002

[ ] QS 9000

[ ] ANSI/ASQ Q9001

[ ] ANSI/ASQ Q9001

[X ] Other, specifically ISO 9002 Tailered System \_\_\_\_\_

(Note: if you check the <u>other</u> block because you intend to use an in-house quality system, or one based on a commercial, national, or international system not identified above, then in addition to identifying your proposed system in the space above, to the right of the word <u>other</u>, you must attach a description of this system to your offer in response to the solicitation, so that we can assess its suitability. If you receive an award, your proposed system will be required.)

- (g) Certification of compliance or registration of the quality system you identify above, by an independent standards organization or auditor, does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your offer in response to the solicitation, as proof of system compliance.
- (h) At any point during performance, we have the right to review your quality system to assess its effectiveness in meeting requirements.

[End of Clause]

36 52.246-4026 (TACOM)

LOCAL ADDRESS FOR DD FORM 250

JAN/2002

- (a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:
- (1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address: DD250@tacom.army.mil
- (2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number: (586) 574-5527 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 23 of 23
	PIIN/SIIN W56HZV-04-P-1412	MOD/AMD	

Name of Offeror or Contractor:  ${\tt WEST}$  coast contracting

In either method, do not mix DD250s from more than one contract in a single transmmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

- (b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.
- (c) The DD250 form may be found, in three different formats, on the World Wide Web at  $\label{eq:def:def:def} $$ $ \text{http://www.dtic.mil/whs/directives/infomgt/forms/forminfo/forminfopage2126.html} $$ $ $ \text{html.} $$ $ \text{html$

[End of Clause]